

State of Alaska
Department of Fish and Game
Nomination for Waters
Important to Anadromous Fish

AWC Volume SE SC SW W AR IN

USGS Quad

Sahlin Ø1 Trib 4 Segment 4-Ø1
Cordova C-6

Anadromous Water Catalog Number of Waterway

94 222

Name of Waterway

USGS name

Local name

Addition ☒

Deletion

Correction

Backup Information

For Office Use

Nomination #		Regional Supervisor	Date
Revision Year:			
Revision to: Atlas	Catalog		
	Both		
Revision Code:		Drafted	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Migration	Anadromous
Pink salmon adult	8/21/93	100			<input checked="" type="checkbox"/>

Provide any clarifying information, including number of fish observed, location of fish survey data, etc. Attach a copy of the fish survey data, if available. Attach a copy of a map showing location of mouth and upper points of each species, specific stream reaches identified for spawning or rearing, locations of barriers, such as falls.

Comments:

One hundred adult pink salmon were observed in this tributary segment.
The barrier of this stream is a .5 meter high slide which is also the
upper extent of the pink salmon. The stream substrate is primarily
gravel, the overstory and understory are heavy and the stream
cover is high. Channel width at the mouth and the barrier is 1 meter and gradient is 10%.

Name of Observer (please print)

JEFF BARNHART

ALASKA DEPT. OF
FISH & GAME

Date: 10-16-93

Signature:

Jeff Barnhart

Address:

333 Raspberry Road
Anchorage AK

NOV 03 1993

REGION II
HABITAT AND RESTORATION
UNIT

Signature of Area Biologist:

Rev. 12/91

First Trib, second stream

STREAM HABITAT ASSESSMENT 1993 - SEGMENTS

STREAM: Shalin 01 SEGMENT: 4-01 DATE: 8/21/93 TEAM: DG/JB
 ANADROMOUS: ☒ WIDTH (m): 1-1 LENGTH (m): _____ GPS DATE: 8/21/93 DIGITIZE: ☒
 WATERBODY: mainstem tributary lake/pond wetland intertidal other: _____

FISH					WILDLIFE		
SPECIES	STAGE (A J U)	COUNT	METHOD (E V D)	COMMENTS	SPECIES	COUNT	COMMENTS
<u>P3</u>	<u>A</u>	<u>100</u>	<u>✓</u>				

GRADIENT(%): 1 CHANNEL PROFILE: V (B) U U U U U
 CHANNEL PATTERN: single multi braided
 STREAM SUBSTRATE: (rank three most predominant types) BEDROCK _____ BOULDER _____ RUBBLE 3 COBBLE 2
 GRAVEL 1 SAND _____ MUD/SILT _____ ORGANICS _____ OTHER: _____
 STREAM COVER TYPE: ORGANIC DEBRIS _____ DEAD BRANCHES/TWIGS + LOGS + BOULDERS _____
 CUT BANK + OVERHANGING VEGET. + OTHER: _____
 STREAM COVER ABUNDANCE: none low medium high

RIPARIAN VEGETATION (three most abundant plants in order of dominance) within 20m of the banks:

OVERSTORY: Hemlock Spruce
 UNDERSTORY: Devils club Alder Salmon Berry

CANOPY ABOVE STREAM: none low medium high

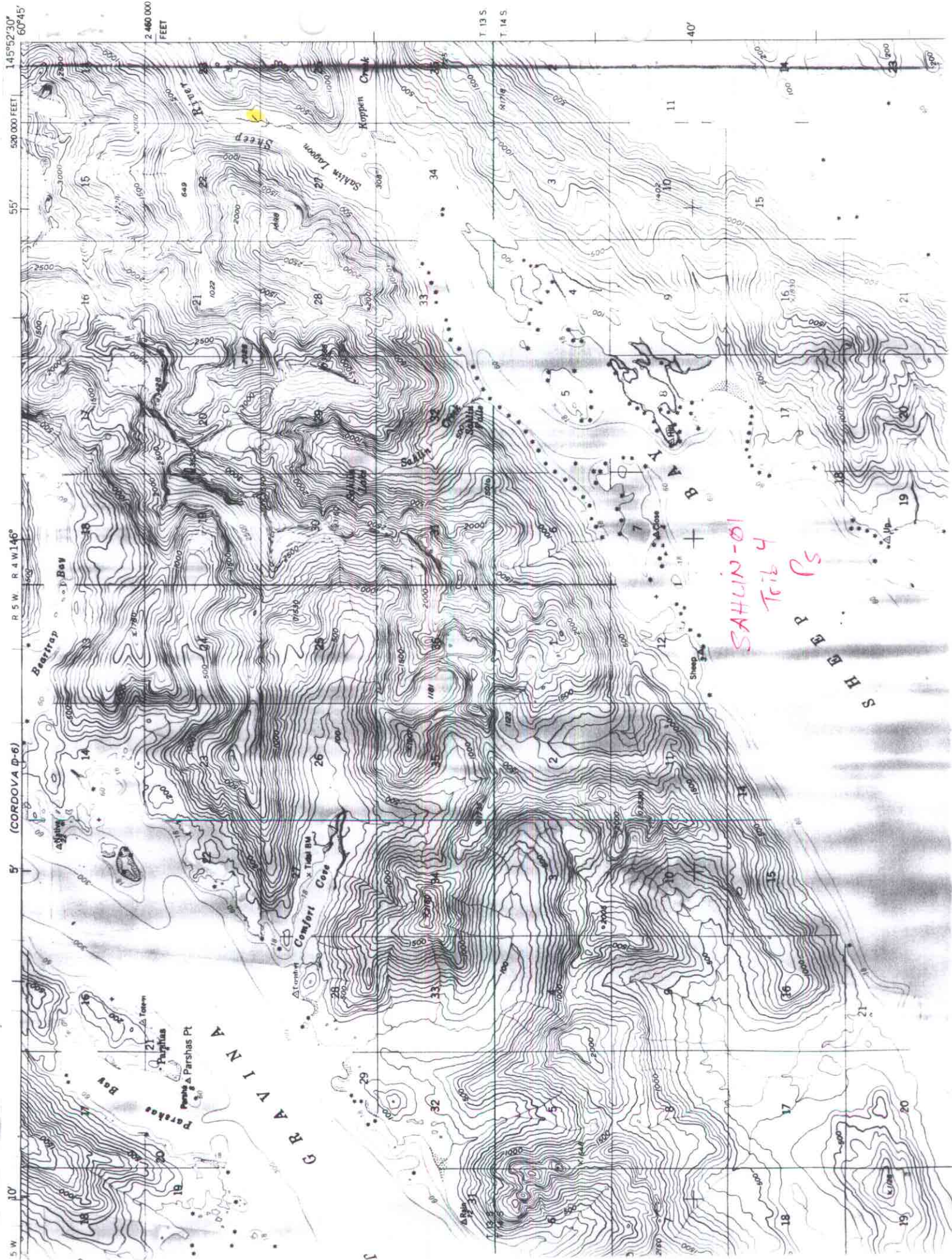
GROWTH: mature secondary shrubs meadow muskeg intertidal

TOTAL BARRIER? ☒ BARRIER TO SPECIES: pinks adults juveniles

TYPE: fall slide beaverdam logjam spring substrate HEIGHT (m): 0.5 DIST. FROM UPPER EXTENT (m): 0

PHOTO ROLL(s): <u>5B03</u>		VIDEO TAPE(s):	
FRAME	DESCRIPTION	DATE	DESCRIPTION
<u>14</u>	<u>mid segment looking up stream, pink salmon</u>		

Substrate: Bedrock (solid) Boulder >1' Rubble 6-12" Cobble 2-6" Gravel .1-2" Sand <.1"
 (Please enter comments on the other side) Comments



MEMORANDUM

State of Alaska

DEPARTMENT OF FISH & GAME

TO: Ed Weiss
Habitat Biologist
Region II
Habitat and Restoration Division
Department of Fish and Game

DATE: November 3, 1993

FILE NO.:

TELEPHONE NO.: 267-2295

SUBJECT: Anadromous Stream
Nominations
and Corrections
Project R-51

FROM: Kathrin Sundet
Habitat Biologist
Region II
Habitat and Restoration Division
Department of Fish and Game

Attached are anadromous stream nominations and corrections to be included in the Anadromous Waters Catalog for 53 streams surveyed in the fall of 1993 on private lands held by the Tatitlek and Eyak Native Corporations in northeast Prince William Sound.

Streams were surveyed by the Alaska Department of Fish and Game, Habitat and Restoration Division personnel, Kathrin Sundet, Jeff Barnhart, Dan Grey, and Wes Ghormley as part of Exxon Valdez Oil Spill Restoration project R-51 aka SHA (Stream Habitat Assessment).

Streams were surveyed on foot from the intertidal zone to the upper extent of anadromous fish distribution. Adult salmon and Dolly Varden were visually identified and enumerated. Juvenile salmon were visually identified in the stream, and then captured by electroshocking, dipnet, or minnow trap to confirm identification. Sampling was conducted periodically along the stream to determine the presence of juvenile salmon. No attempt was made to determine the rearing population sizes of juvenile salmon, or to determine the total escapement of adult salmon in a stream.

Stream data are on file at the Alaska Department of Fish and Game, Habitat and Restoration office, 333 Raspberry Road, Anchorage, Alaska.

There substantial discrepancies among shorelines on the USGS quad sheets, the DNR shoreline, and observed shorelines in this area. In some cases I have attached enlarged plots generated from GPS data and the DNR shoreline to the nomination form in order to illustrate the differences.

Attachments

cc w/o Attachments: Lance Trasky
Don McKay
Mark Kuwada